

Supplementary Materials: Increased Therapeutic Efficacy of SLN Containing Etofenamate and Ibuprofen in Topical Treatment of Inflammation

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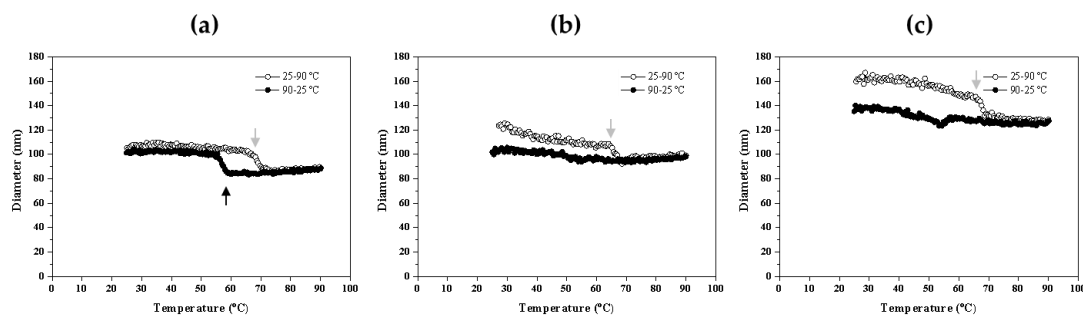
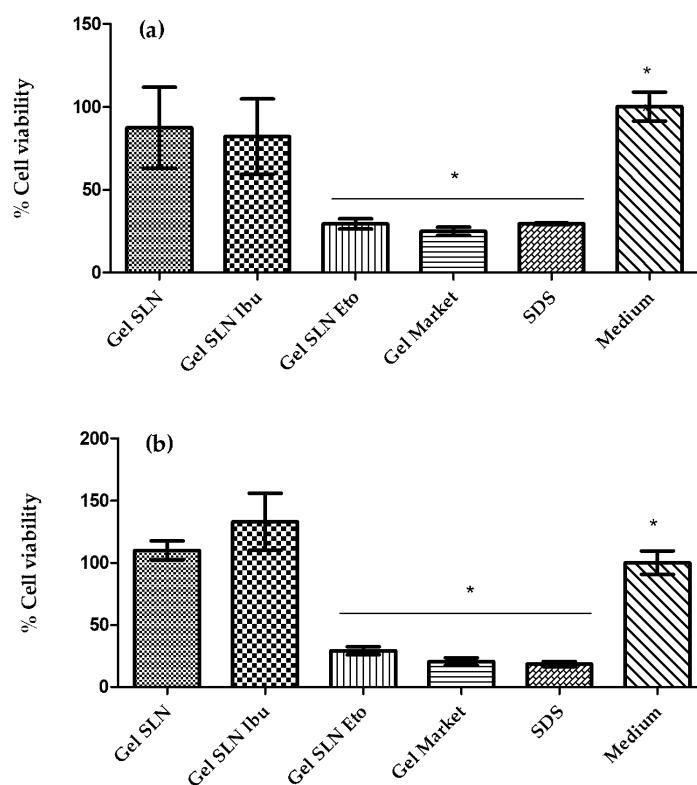


Figure S1. Influence of the temperature on the mean diameter and PDI of empty SLN (a), etofenamate-SLN (b) and ibuprofen-SLN (c), as determined by DLS analysis. (a) Empty particles reduce de size at 66 °C (grey arrow) and recover the initial size during the cooling phase at 55 °C (black arrow); (b) Etofenamate-SLN and (c) Ibuprofen-SLN reduced the size at 62 °C (grey arrows).



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Figure S2. Cell viability ((a)- Df and (b)-HaCaT cell lines) after 24 h of incubation with 10 μ L of empty SLN hydrogel (Gel SLN), ibuprofen loaded-SLN hydrogel (Gel SLN Ibu) (3 mg/mL), etofenamate loaded-SLN hydrogel (Gel SLN Eto) (6 mg/mL), commercial etofenamate gel (Gel Market) (6 mg/mL), SDS (sodium lauryl sulfate) (10 mg/mL), and cell culture medium (Medium). Results represent the mean \pm S.D., $n = 9$; ** $p < 0.05$ vs medium.